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## Ping Pan: Papers, Drafts and Talks

### Ph.D. Thesis:

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### Papers:

**"Do We Need Resource Reservation?"**, P. Pan and H. Schulzrinne, *under submission*, March 2001. [[Abstract](#)]

**"Processing Overhead Studies in Resource Reservation Protocols"**, P. Pan, and H. Schulzrinne, *17th. International Teletraffic Congress (ITC)*, Salvador, Brazil, September 24-28, 2001. [[Abstract](#)] [[PostScript](#)] [[PDF](#)]. A longer version was published as *Bell Labs Technical Memorandum 10009669-03*, July 2000. [[PostScript](#)] [[PDF](#)].

**"PF\_IPOPTION: A Kernel Extension for IP Option Packet Processing"**, P. Pan, and H. Schulzrinne, *Bell Labs Technical Memorandum 10009669-02*, June 2000. [[Abstract](#)] [[PostScript](#)] [[PDF](#)]

**"BGRP: A Tree-Based Aggregation Protocol for Inter-domain Reservations"**, P. Pan, E. Hahne, and H. Schulzrinne, *Journal of Communications and Networks*, Vol. 2, No. 2, June 2000, pp. 157-167. [[Abstract](#)] [[PostScript](#)] [[PDF](#)].

**"The Cost of QoS Support in Edge Devices: An Experimental Study"**, R. Guerin, L. Li, S. Nadas, P. Pan, and V. Peris, *Proceedings of INFOCOM'99*, New York, April 1999. [[Abstract](#)] [[PostScript](#)] [[PDF](#)]

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**"Staged Refresh Timers for RSVP"**, P. Pan, and H. Schulzrinne, *Proceedings of 2nd Global Internet Conference*, Phoenix, AZ, November 1997. [[Abstract](#)] [[PostScript](#)] [[PDF](#)]. An extended version with detailed processing algorithms is available here [[PostScript](#)] [[PDF](#)].

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Graceful Restart Mechanism for RSVP-TE, P. Pan, Y. Rekhter, K. Kompella, F. Liaw, D. Pendarakis, G. Swallow, J. Drake, July 2001.

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## Selected Talks: (keep it to minimum)

1. **"Carrier Level QoS: Reality, Hype and Future"**, P. Pan, *Columbia IRT Group meeting*, February 2000. [PowerPoint] [PostScript] [PDF]
2. **"BGRP: A Tree-Based Aggregation Protocol for Inter-Domain Reservations"**, P. Pan, E. Hahne, and H. Schulzrinne, *Bell Labs, Networking Research Lab Seminar*, December 1999. [PowerPoint] [PostScript] [PDF]
3. **"COPS Extension for Intra-domain Traffic Engineering"**, P. Pan and B. Suter, R. Dube, *44th IETF TE BOF*, July 1999. [PowerPoint] [PostScript] [PDF]
4. **"RSVP Fast and Reliable Transport"**, P. Pan, *IETF RSVP WG Interim Meeting*, April 1999. [PowerPoint] [PostScript] [PDF]
5. **"DiffServ MIB"**, *43rd IETF DiffServ WG*, December 1998, F. Baker, P. Pan and R. Guerin, December 1998. [PostScript] [PDF]
6. **"Some Issues on Internet Resource Management"**, P. Pan, *Interview Talk in Bell Labs*, November 1998. [PDF]